

Form PTO-1449

ATTY. DOCKET NO.  
4441-0112PAPPLICATION NO.  
10/682,030

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

APPLICANT  
Lars Gustaf LILJERYD et al.

FILING DATE  
October 10, 2003

GROUP  
2644

(Use several sheets if necessary)

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US						
	US						
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**FOREIGN PATENT DOCUMENTS**

Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO

**OTHER DOCUMENTS**

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

DA

"Audio Spectral Coder", by Anibal J. S. Ferreira, AES Reprint 4201, 100<sup>th</sup> Convention, Copenhagen, May 11, 1996, XP002100534, pages 1-16.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.S.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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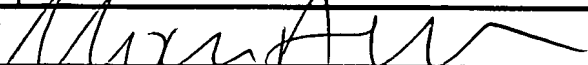
**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
DA	US 5,436,940	A	1995-07-25	NGUYEN			
	US						
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								YES	NO

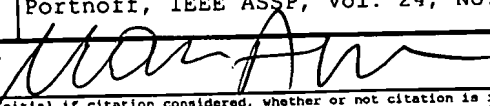

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EXAMINER 	DATE CONSIDERED 6/14/07
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RWD  
TCB/RWD/lab

Form PTO-1449				ATTY DOCKET NO. 4441-0112P		APPLICATION NO. NEW DIV		
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (Use several sheets if necessary)				APPLICANT LILJERYD, et al.				
				FILING DATE October 10, 2003		GROUP		
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
DA	US 4,771,465		1988-09-13	BRONSON et al.				
	US 5,040,217		1991-08-13	BRANDENBURG et al.				
	US 5,127,054		1992-06-30	HONG et al.				
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	5,822,370		10-1998	Graupe, Daniel	375/240			
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	4,150,253			Knoppel				
	<b>FOREIGN PATENT DOCUMENTS</b>							
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DA	High-Frequency Regeneration in Speech Coding Systems, John Makhoul and Michael Berouti, Bolt Beranek and Newman, Inc., MA, pages 428-431, IEEE 1979							
I	Discovering Inner Complexity: Time Shifting and Transposition with a Real-Time Granulation Technique, Barry Truax, Computer Music Journal, 18:2, pages 38-38, Summer 1994							
I	Statistical Recovery of Wideband Speech from Narrowband Speech, Yan Ming Cheng, Douglas O' Shaughnessy, and Paul Mermelsuein, IEEE Transactions on Speech and Audio Processing, Vol. 2, No. 4, October 1994							
I	Quality Enhancement of Band Limited Speech by Filtering and Multirate Techniques, Hiroshi Yasukawa, NTT Transmission Laboratories, Yokosuka-shi, Kanagawa, 238-03, Japan							
I	An Efficient Method for Pitch Shifting Digitally Sampled Sounds, Keith Lent, Computer Music Journal, Massachusetts Institute of Technology, Vol. 13, No. 4, Winter 1989							
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	Tonal Consonance and Critical Bandwidth, R. Plomp, W.J.M. Levelt JASA, Vol. 38, 1965						
	Implementation of the Digital Phase Vocoder Using the Fast Fourier Transform, M.R. Portnoff, IEEE ASSP, Vol. 24, No. 3, 1976						
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